

2. AMENDMENT/MODIFICATION NO. 094	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. No P/R	5. PROJECT NO. (if applicable) N/A
6. ISSUED BY U.S. Department of Energy Carlsbad Field Office P. O. Box 3090 Carlsbad, NM 88220-3090		7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) Nuclear Waste Partnership, LLC Attn: Marty Gonzales Nuclear Waste Partnership 106 Newberry Street SW Aiken, SC 29801	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0001971
	10B. DATED (SEE ITEM 13) April 20, 2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
NOT A FUNDING ACTION

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS; IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority):
	B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY I.166 DEAR 970.5243-1 Changes (DEC 2000))

E. IMPORTANT: Contractor is not, is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 The purposes of this modification are to:
 (1) Incorporate the WIPP Recovery Project Interim Performance Measurement Baseline, Rev. 3, approved on February 3, 2015 into the contract,
 (2) Revise FY15 anticipated funding in accordance with revised Program Guidance issued March 3, 2015 and revised March 24, 2015, and
 (3) Increase total contract value by \$164,031,268. Total contract value is increased from \$1,417,941,026.43 to \$1,581,972,294.43.

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robert McQuinn, President and Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Vicki Diane Snow, Contracting Officer
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15B. CONTRACTOR/OFFEROR BY Exemption 6 <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 4/20/15	16B. UNITED STATES OF AMERICA BY Exemption 6 <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED 4/27/15
-------------------------------------------------------------------------------------------------------------	------------------------------------	-------------------------------------------------------------------------------------------------------------	------------------------------------

Background:

In February 2014, there were two incidents in the WIPP underground. The salt haul truck fire occurred on February 5, 2014, followed by the radiological release on February 14, 2014. The resulting damages and impacts from the fire and radiological release resulted in closure of the WIPP underground and transuranic waste disposal activities have ceased until the WIPP Site can be recovered.

As a result, NWP developed the WIPP Recovery Project Interim Performance Measurement Baseline (PMB) separate from the non-recovery WIPP operations baseline to break out the scope, cost, and schedule for recovery activities required to return the WIPP Site to full operations. On November 13, 2014, the Carlsbad Field Office (CBFO) approved two new elements to the Work Breakdown Structure (WBS) as 1.7 for WIPP Recovery Project and 1.8 for the Permanent Ventilation System. Revision 3 of the Interim PMB was provisionally approved by DOE on December 31, 2014 and final approval was provided February 3, 2015.

The revised Program Guidance letter to NWP for FY15 was issued March 3, 2015 (corrected on March 24, 2015) providing direction on anticipated funding amounts for non-recovery base activities, for recovery activities, and line-item funding for the ventilation system and the exhaust shaft.

This modification incorporates the WIPP Project Recovery Interim PMB into the contract with an estimated value of \$222,658,120, adds associated work scope to Section C, Performance Work Statement, for recovery activities, incorporates changes to Section B for anticipated funding based on the revised FY15 program guidance and the increased budget for recovery from the PMB, and increases the contract value by the net increase of \$164,031,268 for these actions.

The following changes are made in Modification 94:

Changes to Section C, Performance Work Statement:

Section C is revised to add work scope for new WBS 1.7 WIPP Recovery Project in Part 5 and WBS 1.8 Permanent Ventilation System and Exhaust Shaft in Part 6. The acronym list is revised and moved to Part 7. The new work scope is provided as Attachment 1 to this modification.

Changes to Section B.2-2(b) Transition Cost, Anticipated Funding, and Total Available Award Fee:

Section B.2-2(b) is revised to incorporate changes to anticipated funding for FY15 in accordance with the Revised FY15 Program Guidance letter dated March 3, 2015 (corrected on March 24, 2015), to separate out recovery and base funding for FY14 and FY15, and to add two new contract line items in accordance with the estimated price of the recovery activities. The Program Guidance Letters are provided as Attachment 2 to this modification.

Section B.2-2(b) in Modification 92 shows the following anticipated CBFO funding information for the NWP contract for FY14 and FY15 with non-recovery activities (base operations baseline) and recovery activities (WIPP Recovery Project) lumped together:

Chart 1:

Mod 92:

FY14	\$170,290,757	(non-recovery activities (base) of \$139,142,722; recovery activities of \$31,148,035)
FY15	\$150,948,446	(non-recovery activities (base) of \$128,486,503; recovery activities of \$22,461,943)

In this modification, the base operations baseline (non-recovery activities) and recovery activity baseline are separated out in accordance with the approved WIPP Recovery Project Interim Performance Measurement Baseline (Attachment 3). Recovery activity funding is moved to a new contract line item titled CLIN 4: WBS 1.7 Performance Measurement Baseline for Recovery Activities. A second CLIN is added for the permanent ventilation system and exhaust shaft as CLIN 5: WBS. 1.8 Capital Asset Project(s) for Permanent Ventilation System and Exhaust Shaft.

The FY15 revised program guidance letter dated March 3, 2015 (corrected on March 24, 2015) also makes changes to the FY15 anticipated funding amounts for non-recovery activities and recovery activities, as follows:

CHART 2:

	From: Mod 92:	Program Guidance Changes (3-24-15)*	To: Mod 94:
FY15 Non-Recovery Activities	\$128,486,503	(\$5,016,774)	\$123,469,729
FY15 Recovery Activities	\$22,461,943	\$100,186,689	\$122,648,632
Totals	\$150,948,446	\$95,169,915	\$246,118,361

*Note: The Program Guidance Letter dated March 3, 2015, corrected March 24, 2015, also provides guidance for \$16M for line item funding for the upcoming capital asset projects that cannot be costed in FY15. This budget item will be included when the capital asset baseline is added to the contract. The program guidance letter also included contingency of \$4,351,368 for FY15 for recovery that is not included in the increase to FY15 anticipated funding.

FEE CONSIDERATIONS:

Current fee on the FY15 anticipated funding of \$150,948,446 is \$8.19M on an annual fee base of \$109M, since an increase or decrease of 15% in the FY15 annual fee base had not occurred prior to Modification 94.

Performance Period:	Fee %	Available Fee
October 1, 2014 – September 30, 2015	7.5	\$ 8,192,895

However, with the FY15 anticipated funding increase of \$95,169,915, the FY15 annual fee base and resulting fee must be recalculated. At the time of this modification, the change to the fee base has not yet been determined and the fee has not been recalculated pending DOE’s review of contractor documentation in accordance with DEAR 970.1504-107 Fee Base.

Per contract language in Section B.2:

Total Available Award Fee is subject to adjustment only under the provisions of the clause in Section 1 entitled FAR 52.243-2 “Changes – Cost Reimbursement”; and, for a plus or minus 15% change in the annual fee base. An adjustment in total available award fee shall not be negotiated for any amount within the plus or minus 15% change threshold from the annual fee base. If an adjustment in the total available award fee is necessary in accordance with this subparagraph, the revised total available award fee shall be calculated based on the fee percentage in Section B.2-2(a) multiplied by the changes in the annual fee base for the applicable performance period to which an adjustment is to be made.

The resulting changes to Section B are:

FY14 anticipated funding of \$170,290,757 is now separated out as follows:

CLIN 2: Non-recovery activities (base - site operations)	\$139,142,722
CLIN 4: WIPP Recovery Project (includes fee and management reserve)	<u>\$31,148,035</u>
	\$170,290,757

FY15 anticipated funding of \$246,118,361 is now separated out as follows:

CLIN 2: Non-recovery activities (base – site operations)	\$123,469,729
CLIN 4: WIPP Recovery Project (includes fee and management reserve)	<u>\$122,648,632</u>
	\$246,118,361

The following CLINs are added:

CLIN 4: WBS 1.7

Performance Measurement Baseline, for Recovery Activities

FY14 Project, Fee and MR	\$31,148,035	
FY15 Project, Fee and MR	\$122,648,632	
FY16 Project, Fee and MR	\$56,180,259	
FY17 Project, Fee and MR	\$12,322,628	
FY18 Project, Fee, and MR	<u>\$358,466</u>	
CLIN 4 Total		\$222,658,020

CLIN 5: WBS 1.8 Capital Asset Project(s) for Permanent Ventilation System and Exhaust Shaft

TBD

Increase to Contract Value

By incorporating the FY15 Revised Program Guidance and the WIPP Recovery Project Interim Performance Measurement Baseline, the net increase to the contract value is \$164,031,268 for the following changes:

(1)–Increases from Revised Program Guidance 3/5/15 (corrected on 3/24/15) from Chart 2 above: **\$95,169,915**

(2)–Increases for incorporation of the WIPP Recovery Project Interim PMB Although the value of the new CLIN 4 is \$222,658,020, some of that budget was already added to the contract in FY14 and FY15. All of the FY14 anticipated funding was already included in the contract value.

For FY15, Per Chart 1 above, Modification 92 included \$22,461,943 of budget for recovery activities and the FY15 revised program guidance increased the recovery activities anticipated FY15 funding, by \$100,186,689, to \$122,648,632. The net increase is summarized below.

FY14 - no changes to contract value	\$0	
FY15 - after Chart 2 revisions, no further changes to value	\$0	
FY16 - contract value increased	\$56,180,259	
FY17 - contract value increased	\$12,322,628	
FY18 - contract value increased	<u>\$358,466</u>	
Net change to contract value for CLIN 4		<u>\$68,861,353</u>

Total increase to contract value in Modification 94: **\$164,031,268**

The revised Section B.2-2(b) Transition Cost, Anticipated Funding, and Total Available Award Fee is revised is attached to this modification as Attachment 4.

SECTION C – PERFORMANCE WORK STATEMENT is revised in Modification 94 by adding the following sections to the work statement.

5. WBS 1.7 - WIPP Recovery Project

In accordance with the WIPP Recovery Plan approved by DOE on September 30, 2014, and the Interim Recovery Performance Measurement Baseline (PMB), Revision 3, submitted by the contractor on October 27, 2014, provisionally approved by CBFO on December 31, 2014, and approved by CBFO as the Final Recovery PMB on February 3, 2015, the contractor shall complete activities required to recover the WIPP Site from the fire event and radiological release event that occurred in February 2014 and resume TRU waste disposal operations at WIPP. The contractor shall implement compensatory measures and activities defined in the DOE-approved Corrective Action Plans to address Judgments of Need (JONs) identified in the Accident Investigation Board (AIB) reports for the fire and radiological release events. The Recovery PMB contains both operational activity work scope (including commitments, milestones, and deliverables), identified by work breakdown structure (WBS) element 1.7 (described in sections 5.1 through 5.8 below), and capital asset project work scope, identified by WBS element 1.8 (described in section 6.0 below). The key elements of the Recovery work scope is described below.

5.1 Safety

During the recovery period, the contractor shall revise and implement safety management programs at WIPP such as the Emergency Management Program, Fire Protection Program, and Radiological Protection Program to ensure the safety of the public, the workers, and the environment.

5.2 Regulatory Compliance

The contractor shall ensure modifications to the WIPP facility as a result of recovery efforts are protective of human health and the environment. The contractor shall prepare any required permit modification requests prior to reopening WIPP. Additional recovery activities include completing the interim Panel 6 closure and Panel 7, Room 7 closure as directed by the New Mexico Environment Department by administrative order.

5.3 Radiological Monitoring and Decontamination

Radiological monitoring and decontamination activities, where appropriate, will be initiated upon completion of preliminary and in-mine tests. Radiological monitoring and decontamination activities will continue to support recovery efforts as well as the restoration of full TRU waste disposal operations.

5.4 Operations Activity Work Scope – Interim and Supplemental Ventilation Systems

The contractor shall design, construct, and install the skid-mounted interim ventilation system (IVS) and supplemental ventilation system (SVS) to increase airflow in the WIPP underground and bring the facility into a state of limited operations with continued airflow restrictions associated with concurrent waste emplacement and mining operations.

5.5 Mine Stability and Underground Habitability

The contractor shall achieve routine mine entry in order to address Mine Safety and Health Administration requirements, mine stability, and worker safety and health issues. The contractor shall resume roof bolting operations and perform catch-up roof bolting to ensure mine stability for workers in the underground to support recovery and resumption of normal operations. In addition, the contractor will perform cleaning activities to establish and maintain mine habitability for the workers such as cleaning and sanitation of food and waste storage and restroom facilities.

5.6 Workforce Retraining

The contractor shall retrain staff for new activities specific to recovery (e.g., decontamination) and for future, more complex contaminated operations in personal protective equipment and under nuclear safety controls. Existing workforce will be trained through the Safety Management Program enhancement initiatives. Prior to commencing waste emplacement operations, all contractor employees will complete re-qualification training including requisite proficiency verification. The training shall be enhanced to include programmatic and procedural changes as a result of corrective actions and readiness activities and working under the new Documented Safety Analysis controls (WIPP DSA, Revision 5 and beyond). Cross-training will continue during recovery to continue to optimize skills-mix changes until resumption of operations.

5.7 Managing Waste Concerns

5.7.1 Waste On-Site at WIPP

The contractor shall manage the waste safely stored aboveground at WIPP in the Waste Handling Building, awaiting disposal. Underground waste containers having nitrate bearing waste will be isolated as stated in section 5.2 above), which provides the proposed steps for expedited closure of Panel 6 and Panel 7, Room 7.

5.7.2 Waste Stored at Waste Control Specialists

The contractor shall interface with Waste Control Specialists (WCS) to ensure that the required controls for safety and security are implemented for the TRU waste stored at WCS. In addition, when the TRU waste stored at WCS is determined to be ready for transport out of WCS, the contractor will ensure that the required loading and transport of the waste is performed in accordance with applicable requirements.

5.8 Equipment Procurement/Upgrades

The contractor shall procure equipment and conduct facility upgrades as approved by the DOE to replace aging equipment and infrastructure, such as the temporary change facility and the establishment of a formal Emergency Operations Center.

6. WBS 1.8 - Permanent Ventilation System and Exhaust Shaft

The contractor shall design, construct, and install the underground permanent ventilation system (PVS) as a capital asset project (CAP), which could consist of two separate CAPs based on the alternative selected at Critical Decision 1. These two CAPS could be the Safety Significant Confinement Ventilation System CAP D-15-411, which will be required in any alternative selected, and an Exhaust Shaft CAP D-15-412 which will only be needed if the alternative selected requires new drifts and a new exhaust shaft. The CAP(s) shall be designed, constructed, and installed in accordance with DOE Order 413.3B and bring the facility back into full operations eliminating airflow restrictions associated with concurrent waste emplacement and mining operations.

7. Acronyms

AIB	Accident Investigation Board
CAP	Capital Asset Project
CBFO	Carlsbad Field Office
CCA	Compliance Certification Application
CFR	Code of Federal Regulations
CH	TRU Contact-Handled
CRA	Compliance Recertification Application
CTAC	Carlsbad Technical Assistance Contractor
DOE	U. S. Department of Energy
DOE-AL	Albuquerque Operations Office
DSA	Documented Safety Analysis
EM	Assistant Secretary for Environmental Management
ES&H	Environment, Safety and Health
EPA	U. S. Environmental Protection Agency
HalfPACT	Half-height Transuranic Waste Package Transporter
HWFP	Hazardous Waste Facility Permit
ICAMP	Integrated Capital Asset Management Process
IPABS	Integrated Planning, Budgeting and Accountability System
ISMS	Integrated Safety Management System
ISO	International Standards Organization
IVS	Interim Ventilation System
JON	Judgments of Need
LMP	Land Management Plan
NRC	U. S. Nuclear Regulatory Commission
NTP	National Transuranic Waste Program
PMB	Performance Measurement Baseline
PVS	Permanent Ventilation System
PPA	Property Protection Area
QA	Quality Assurance
QAPD	Quality Assurance Program Description
RCT	Retrieval and Characterization Teams

RH	TRU Remote-Handled
SARP	Safety Analysis Report for Packaging
SNL	Sandia National Laboratories
SQS	Small Quantity Site
S/RID	Standards and Requirements Identification Document
SVS	Supplemental Ventilation System
TRU	Transuranic Waste
TRUPACT-II	Transuranic Waste Package Transporter Type II
TRUPACT-III	Transuranic Waste Package Transporter Type III
VPP	Voluntary Protection Program
WBS	Work Breakdown Structure
WCS	Waste Control Specialists
WTS	Washington TRU Solutions
WIPP	Waste Isolation Pilot Plant



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221

MAR 3 2015

Mr. Robert L. McQuinn, Project Manager
 Nuclear Waste Partnership, LLC
 P.O. Box 2078
 Carlsbad, NM 88221-2078

Subject: Fiscal Year (FY) 2015 Final Program Guidance for the Management and
 Operating Contractor (M&O) – Nuclear Waste Partnership, LLC

Dear Mr. McQuinn:

The final FY 2015 Approved Funding Program (AFP) for Nuclear Waste Partnership (NWP) is \$266,469,729.00. Included in this scope is \$123,569,729 (includes PCR # 15-001) for non-recovery base activities, \$127,000,000 for recovery activities, and \$16,000,000 for Line Item Construction activities. Therefore, NWP is authorized to perform work in accordance with the approved FY 2015 scope and spend at a rate not to exceed \$266,469,729.00 within the following Project Baseline Summary (PBS):

PBS 20	-	\$ 4,255,000.00
PBS 80	-	\$ 89,195,003.00
PBS 80 – Recovery	-	\$127,000,000.00
PBS 81	-	\$ 23,211,254.00
PBS 90	-	\$ 6,808,472.00
Line Item - 15-D-411 Ventilation System	-	\$ 12,000,000.00
Line Item - 15-D-412 Exhaust Shaft	-	\$ 4,000,000.00

Inherent in this guidance is the responsibility for all activities to be conducted in accordance with the Carlsbad Field Office (CBFO) Quality Assurance Program requirements. Any request for additional funding must be done so in accordance with DOE-CBFO-95-1122, *CBFO Programmatic Change Control Process Revision 6*.

All recovery effort work scope is to be performed in accordance with the approved Recovery Performance Measurement Baseline (PMB) which provides new budget authority for all work scope and management reserve with partial budget authority for the DOE held contingency. The Recovery PMB is to be managed as practical to the requirements of DOE Order 413.3B "*Program and Project Management for the Acquisition of Capital Assets*". Capture all costs associated with recovery efforts for reporting to the requirements of the Explanatory Statement to Public Law No. 113-235 "*Fiscal Year 2015 Omnibus; Consolidated and Further Continuing Appropriations Act*".

Mr. Robert L. McQuinn

-2-

MAR 3 2015

Please contact Mr. Lucky Briggs at (575) 234-7675 if you have any questions regarding this guidance.

Sincerely,



Vicki Diane Snow
Contracting Officer

cc:

- J. Franco, CBFO *ED
- D. Bryson, CBFO ED
- C. Gadbury, CBFO ED
- G. Hellstrom, CBFO ED
- K. Watson, CBFO ED
- B. Mackie, CBFO ED
- J. Stroble, CBFO ED
- G. Basabilvazo, CBFO ED
- M. Brown, CBFO ED
- R. Nelson, CBFO ED
- S. Dunagan, CBFO ED
- R. Gill, CBFO ED
- A. Jines, CBFO ED
- L. Briggs, CBFO ED
- K. Richardson, CBFO ED
- G. Sahd, CBFO ED
- G. Gamlin, CBFO ED
- R. Gifford, NWP ED
- P. Hester, NWP ED
- L. Steven, NWP ED

CBFO Contract File

CBFO M&RC

*ED denotes electronic distribution



Department of Energy
Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221

MAR 24 2015

Mr. Robert L. McQuinn, Project Manager
 Nuclear Waste Partnership, LLC
 P.O. Box 2078
 Carlsbad, NM 88221-2078

Subject: Correction to Fiscal Year (FY) 2015 Final Program Guidance for the Management and Operating Contractor (M&O) – Nuclear Waste Partnership, LLC, CBFO Letter 15-0550 dated March 3, 2015

Dear Mr. McQuinn:

This letter supersedes letter 15-0550 dated March 3, 2015 to correct the summary total for non-recovery base activities, from \$123,569,729 to \$123,469,729, as revised below.

The final FY 2015 Approved Funding Program (AFP) for Nuclear Waste Partnership (NWP) is \$266,469,729.00. Included in this scope is \$123,469,729 (includes PCR # 15-001) for non-recovery base activities, \$127,000,000 for recovery activities, and \$16,000,000 for Line Item Construction activities. Therefore, NWP is authorized to perform work in accordance with the approved FY 2015 scope and spend at a rate not to exceed \$266,469,729.00 within the following Project Baseline Summary (PBS):

PBS 20	-	\$ 4,255,000.00
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PBS 90	-	\$ 6,808,472.00
Line Item - 15-D-411 Ventilation System	-	\$ 12,000,000.00
Line Item - 15-D-412 Exhaust Shaft	-	\$ 4,000,000.00

Inherent in this guidance is the responsibility for all activities to be conducted in accordance with the Carlsbad Field Office (CBFO) Quality Assurance Program requirements. Any request for additional funding must be done so in accordance with DOE-CBFO-95-1122, *CBFO Programmatic Change Control Process Revision 6*.

All recovery effort work scope is to be performed in accordance with the approved Recovery Performance Measurement Baseline (PMB) which provides new budget authority for all work scope and management reserve with partial budget authority for the DOE held contingency. The Recovery PMB is to be managed as practical to the requirements of DOE Order 413.3B "*Program and Project Management for the Acquisition of Capital Assets*". Capture all costs associated with recovery efforts for reporting to the requirements of the Explanatory Statement to Public Law No. 113-235 "*Fiscal Year 2015 Omnibus; Consolidated and Further Continuing Appropriations Act*".

MAR 24 2015

Mr. Robert L. McQuinn

-2-

Please contact Mr. Lucky Briggs at (575) 234-7675 if you have any questions regarding this guidance.

Sincerely,



Vicki Diane Snow
Contracting Officer

cc:

- J. Franco, CBFO *ED
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WIPP Recovery Project
Interim Performance Measurement Baseline (PMB)

As of 10-22-2014

5.1 - Cost Overview

Cost Baseline Summary Profile by WBS Level Three Element (current year dollars)

WBS Title		FY2014	FY2015	FY2016	FY2017	FY2018	Operating Cost
1.7 WIPP Recovery Project		\$ 23,005,800	\$ 98,869,690	\$ 45,288,110	\$ 9,933,534	\$ 288,967	\$ 177,386,101
1.7.1	Facility Program Enhancements	\$ 10,152,032	\$ 29,920,418	\$ 7,054,430	\$ 305,569	\$ -	\$ 47,432,449
1.7.3	Documented Safety Analysis	\$ 1,163,376	\$ 3,432,173	\$ -	\$ -	\$ -	\$ 4,595,549
1.7.4	Underground Habitability/Operations	\$ 5,308,047	\$ 45,832,042	\$ 19,439,641	\$ 6,864,600	\$ -	\$ 77,444,331
1.7.5	Facility Upgrades	\$ 14,937	\$ 5,480,391	\$ 1,297,431	\$ 1,324,505	\$ 278,112	\$ 8,395,376
1.7.6	Waste Placement	\$ 1,983	\$ 61,467	\$ 4,055,439	\$ 981,353	\$ -	\$ 5,100,242
1.7.7	Readiness for Operations	\$ -	\$ -	\$ 7,634,954	\$ -	\$ -	\$ 7,634,954
1.7.8	Program Management Support	\$ 6,365,425	\$ 14,143,198	\$ 5,806,215	\$ 457,507	\$ 10,854	\$ 26,783,201
1.7 Total		\$ 23,005,800	\$ 98,869,690	\$ 45,288,110	\$ 9,933,534	\$ 288,967	\$ 177,386,101
	Fee	\$ 1,403,354	\$ 6,031,051	\$ 2,762,575	\$ 605,946	\$ 17,627	\$ 10,820,552
		\$ 24,409,154	\$ 104,900,741	\$ 48,050,685	\$ 10,539,480	\$ 306,594	\$ 188,206,653
FY distribution to spread MR and Contingency		12.97%	55.74%	25.53%	5.60%	0.16%	100%
HIDE	MR	\$ 4,129,723	\$ 17,747,891	\$ 8,129,574	\$ 1,783,148	\$ 51,872	\$ 31,842,208
	Contingency	\$ 2,609,158	\$ 11,213,112	\$ 5,136,262	\$ 1,126,592	\$ 32,773	\$ 20,117,896
	Fee, Contingency, MR	\$ 8,142,235	\$ 34,992,054	\$ 16,028,411	\$ 3,515,686	\$ 102,271	\$ 62,780,656
Recovery Project Total		\$ 31,148,035	\$ 133,861,744	\$ 61,316,521	\$ 13,449,220	\$ 391,238	\$ 240,166,757

**Attachment 4:
Changes to Section B.2-2(b) Transition Cost,
Anticipated Funding, and Total Available
Award Fee**

CLIN 1: Transition	\$1,553,670.00	
CLIN 2: Base Period – Site Operations	Actual Funding	Annual Fee Base***
October 1, 2012 through September 30, 2013	\$141,902,556.74	\$109,238,604
Funding transferred from WTS contract	\$7,995,864.65	
Funding from other DOE entities per H.55	\$11,373,074.35	
	Anticipated Funding**	Annual Fee Base***
October 1, 2013 through September 30, 2014	\$139,142,722	\$109,238,604
Funding from other DOE entities per H.55	\$1,232,980.92	
October 1, 2014 through September 30, 2015	\$123,469,729	\$109,238,604
Funding from other DOE entities per H.55	\$119,006.77	
October 1, 2015 through September 30, 2016	\$133,217,810	\$109,238,604
October 1, 2016 through September 30, 2017	<u>\$133,217,810</u>	<u>\$109,238,604</u>
	\$691,671,554.43	\$546,193,020
CLIN 3: Option Period – Site Operations		
October 1, 2017 through September 30, 2018	\$133,217,810	\$109,238,604
October 1, 2018 through September 30, 2019	\$133,217,810	\$109,238,604
October 1, 2019 through September 30, 2020	\$133,217,810	\$109,238,604
October 1, 2020 through September 30, 2021	\$133,217,810	\$109,238,604
October 1, 2021 through September 30, 2022	<u>\$133,217,810</u>	<u>\$109,238,604</u>
	\$666,089,050	\$546,193,020
CLIN 4: WBS. 1.7 Performance Measurement Baseline for Recovery Activities		
FY14 WIPP Recovery Project WBS 1.7, Fee, MR	31,148,035	
FY15 WIPP Recovery Project WBS 1.7, Fee, MR	122,648,632	
FY16 WIPP Recovery Project WBS 1.7, Fee, MR	56,180,259	
FY17 WIPP Recovery Project WBS 1.7, Fee, MR	12,322,628	
FY18 WIPP Recovery Project WBS 1.7, Fee, MR	<u>358,466</u>	
Total WIPP Recovery Project Interim PMB	222,658,020	
CLIN 5: WBS 1.8 Capital Asset Project(s) for Permanent Ventilation System and Exhaust Shaft		TBD